Lech-Gustav Milroy

List of Publications by Year
in descending order

55	2,452	236612	205818
papers	citations	25 h-index	48 g-index

57	57	57	3748
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Inhibition of Ice Recrystallization by Nanotube-Forming Cyclic Peptides. Biomacromolecules, 2022, , .	2.6	7
2	A Structural Study of the Cytoplasmic Chaperone Effect of 14-3-3 Proteins on Ataxin-1. Journal of Molecular Biology, 2021, 433, 167174.	2.0	7
3	Molecular basis for inhibition of adhesin-mediated bacterial-host interactions through a peptide-binding domain. Cell Reports, 2021, 37, 110002.	2.9	3
4	Ligand-Based Design of Allosteric Retinoic Acid Receptor-Related Orphan Receptor Î³t (RORÎ³t) Inverse Agonists. Journal of Medicinal Chemistry, 2020, 63, 241-259.	2.9	30
5	Structure-based evolution of a promiscuous inhibitor to a selective stabilizer of proteinâ€“protein interactions. Nature Communications, 2020, 11, 3954.	5.8	35
6	Cooperativity basis for small-molecule stabilization of proteinâ€“protein interactions. Chemical Science, 2019, 10, 2869-2874.	3.7	30
7	Tetrazineâ€“trans-Cyclooctene Chemistry Applied to Fabricate Self-Assembled Fluorescent and Radioactive Nanoparticles for in Vivo Dual Mode Imaging. Bioconjugate Chemistry, 2019, 30, 547-551.	1.8	9
8	A study on the effect of synthetic Î±-to-Î²³-amino acid mutations on the binding of phosphopeptides to 14-3-3 proteins. Chemical Communications, 2019, 55, 14809-14812.	2.2	7
9	Dualâ€Input Regulation and Positional Control in Hybrid Oligonucleotide/Discotic Supramolecular Wires. Angewandte Chemie - International Edition, 2018, 57, 4976-4980.	7.2	25
10	Dualâ€Input Regulation and Positional Control in Hybrid Oligonucleotide/Discotic Supramolecular Wires. Angewandte Chemie, 2018, 130, 5070-5074.	1.6	8
11	Characterization of Coding/Noncoding Variants for SHROOM3 in Patients with CKD. Journal of the American Society of Nephrology: JASN, 2018, 29, 1525-1535.	3.0	40
12	Synthesis and Selfâ€Assembly of Bayâ€Substituted Perylene Diimide Geminiâ€Type Surfactants as Offâ€On Fluorescent Probes for Lipid Bilayers. Chemistry - A European Journal, 2018, 24, 7734-7741.	1.7	24
13	Inhibition of 14-3-3/Tau by Hybrid Small-Molecule Peptides Operating via Two Different Binding Modes. ACS Chemical Neuroscience, 2018, 9, 2639-2654.	1.7	29
14	A multi-gram-scale stereoselective synthesis of Z-endoxifen. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 1352-1356.	1.0	4
15	Fragmentation of organic ions bearing fixed multiple charges observed in <scp>MALDI MS</scp>. Journal of Mass Spectrometry, 2018, 53, 39-47.	0.7	3
16	Mutually Exclusive Cellular Uptake of Combinatorial Supramolecular Copolymers. Chemistry - A European Journal, 2018, 24, 16445-16451.	1.7	10
17	Optimizing charge state distribution is a prerequisite for accurate protein biomarker quantification with LC-MS/MS, as illustrated by hepcidin measurement. Clinical Chemistry and Laboratory Medicine, 2018, 56, 1490-1497.	1.4	5
18	Hydrophobicity determines the fate of self-assembled fluorescent nanoparticles in cells. Chemical Communications, 2017, 53, 1626-1629.	2.2	7

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19	Relationship between Sideâ€€Chain Polarity and the Selfâ€€Assembly Characteristics of Perylene Diimide Derivatives in Aqueous Solution. ChemistryOpen, 2017, 6, 266-272.	0.9	14
20	Structural interface between LRRK2 and 14-3-3 protein. Biochemical Journal, 2017, 474, 1273-1287.	1.7	54
21	Designed Spiroketal Protein Modulation. Angewandte Chemie - International Edition, 2017, 56, 5480-5484.	7.2	11
22	Designed Spiroketal Protein Modulation. Angewandte Chemie, 2017, 129, 5572-5576.	1.6	1
23	A Binary Bivalent Supramolecular Assembly Platform Based on Cucurbit[8]uril and Dimeric Adapter Protein 14â€3â€3. Angewandte Chemie - International Edition, 2017, 56, 8998-9002.	7.2	81
24	Semisynthetic Bioluminescent Sensor Proteins for Direct Detection of Antibodies and Small Molecules in Solution. ACS Sensors, 2017, 2, 1730-1736.	4.0	35
25	Supramolecular Chemistry Targeting Proteins. Journal of the American Chemical Society, 2017, 139, 13960-13968.	6.6	169
26	Ligand Dependent Switch from RXR Homo- to RXR-NURR1 Heterodimerization. ACS Chemical Neuroscience, 2017, 8, 2065-2077.	1.7	19
27	Stabilization of protein-protein interactions in drug discovery. Expert Opinion on Drug Discovery, 2017, 12, 925-940.	2.5	129
28	A Binary Bivalent Supramolecular Assembly Platform Based on Cucurbit[8]uril and Dimeric Adapter Protein 14â€3â€3. Angewandte Chemie, 2017, 129, 9126-9130.	1.6	26
29	Batch and Flow Synthesis of Disulfides by Visibleâ€Lightâ€Induced TiO₂ Photocatalysis. ChemSusChem, 2016, 9, 1781-1785.	3.6	88
30	Supramolecular Control over Splitâ€Luciferase Complementation. Angewandte Chemie, 2016, 128, 9045-9049.	1.6	26
31	Generation of gasâ€phase ions from charged clusters: an important ionization step causing suppression of matrix and analyte ions in matrixâ€assisted laser desorption/ionization mass spectrometry. Rapid Communications in Mass Spectrometry, 2016, 30, 2628-2634.	0.7	10
32	Supramolecular Control over Splitâ€Luciferase Complementation. Angewandte Chemie - International Edition, 2016, 55, 8899-8903.	7.2	58
33	Characterization and small-molecule stabilization of the multisite tandem binding between 14-3-3 and the R domain of CFTR. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E1152-61.	3.3	121
34	Communication: Probing the absolute configuration of chiral molecules at aqueous interfaces. Journal of Chemical Physics, 2015, 143, 201101.	1.2	9
35	Stabilizerâ€Guided Inhibition of Proteinâ€“Protein Interactions. Angewandte Chemie - International Edition, 2015, 54, 15720-15724.	7.2	56
36	A sample preparation method for recovering suppressed analyte ions in MALDI TOF MS. Journal of Mass Spectrometry, 2015, 50, 766-770.	0.7	16

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37	Biophysical Characterization of Nucleophosmin Interactions with Human Immunodeficiency Virus Rev and Herpes Simplex Virus US11. PLoS ONE, 2015, 10, e0143634.	1.1	27
38	Solid-Phase-Based Synthesis of Ureidopyrimidinoneâ€“Peptide ConjugatesÂ-for Supramolecular Biomaterials. Synlett, 2015, 26, 2707-2713.	1.0	23
39	Divergent Solidâ€Phase Synthesis of Natural Productâ€Inspired Bipartite Cyclodepsipeptides: Total Synthesis of Seragamideâ€…A. Chemistry - A European Journal, 2015, 21, 5311-5316.	1.7	19
40	Metalâ€Free Photocatalytic Aerobic Oxidation of Thiols to Disulfides in Batch and Continuousâ€Flow. Advanced Synthesis and Catalysis, 2015, 357, 2180-2186.	2.1	164
41	Estrogen Receptor Folding Modulates cSrc Kinase SH2 Interaction via a Helical Binding Mode. ACS Chemical Biology, 2015, 10, 2624-2632.	1.6	6
42	The Renaissance of Ras. ACS Chemical Biology, 2014, 9, 2447-2458.	1.6	19
43	Modulators of Proteinâ€“Protein Interactions. Chemical Reviews, 2014, 114, 4695-4748.	23.0	407
44	Subcellular Fractionation and Localization Studies Reveal a Direct Interaction of the Fragile X Mental Retardation Protein (FMRP) with Nucleolin. PLoS ONE, 2014, 9, e91465.	1.1	51
45	Structureâ€“activity relationship studies of miniproteins targeting the androgen receptorâ€“coactivator interaction. MedChemComm, 2013, 4, 187-192.	3.5	11
46	Stabilization and Inhibition of Proteinâ€“Protein Interactions: The 14-3-3 Case Study. ACS Chemical Biology, 2013, 8, 27-35.	1.6	78
47	Proline Primed Helix Length as a Modulator of the Nuclear Receptorâ€“Coactivator Interaction. Journal of the American Chemical Society, 2013, 135, 4364-4371.	6.6	42
48	Immobilization of Ferrocene-Modified SNAP-Fusion Proteins. International Journal of Molecular Sciences, 2013, 14, 4066-4080.	1.8	19
49	Pharmaceutical implications of helix length control in helix-mediated proteinâ€“protein interactions. Future Medicinal Chemistry, 2013, 5, 2175-2183.	1.1	9
50	Selective Chemical Imaging of Static Actin in Live Cells. Journal of the American Chemical Society, 2012, 134, 8480-8486.	6.6	62
51	Strong supramolecular control over protein self-assembly using a polyamine decorated Î²-cyclodextrin as synthetic recognition element. Journal of Materials Chemistry, 2011, 21, 18919.	6.7	17
52	Allosteric Modulation of Hormone Release from Thyroxine and Corticosteroid-binding Globulins. Journal of Biological Chemistry, 2011, 286, 16163-16173.	1.6	45
53	Synthesis and Structureâ^'Activity Correlation of Natural-Product Inspired Cyclodepsipeptides Stabilizing F-Actin. Journal of the American Chemical Society, 2010, 132, 3063-3077.	6.6	97
54	Chemical Variation of Natural-Product-Like Scaffolds: Design, Synthesis, and Biological Activity of Fused Bicyclic Acetal Derivatives. Angewandte Chemie - International Edition, 2007, 46, 2493-2496.	7.2	51

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55	Chemical variation of natural product-like scaffolds: design and synthesis of spiroketal derivatives. Organic and Biomolecular Chemistry, 2006, 4, 1977.	1.5	85